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Date Submitted: July 24, 2006

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Sheet 1 of 18

<i>Complete if Known</i>	
Application Number	10/534,578
Filing Date	05/11/2005
First Named Inventor	Narinder K. Chawla
Group Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	059314-0301

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		Offic e ³	Numbe r ⁴	Kind Code ⁵ (if known)				
	B1		WO95/25116		CALIFORNIA INST OF TECHN (US)	1995-09-21		
	B2		WO95/35505		UNIV LELAND STANFORD JUNIOR (US)	1995-12-28		

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	C1	Adam, M.A., "Identification of a signal in a murine retrovirus that is sufficient for packaging of nonretroviral RNA into virions," (1988) <i>J. Virol.</i> 62:3802-3806	
	C2	Altschul, S.F. et al., "Basic local alignment search tool," (1990) <i>J. Mol. Biol.</i> 215:403-410	
	C3	Amado, M. et al., "Identification and characterization of large galactosyltransferase gene families: galactosyltransferases for all functions," (1999) <i>Biochim. Biophys. Acta</i> 1473:35-53	
	C4	Anderson, N.L., "A comparison of selected mRNA and protein abundances in human liver," (1997) <i>Electrophoresis</i> 18:533-537	
	C5	Antinozzi, P.A. et al., "Metabolic engineering with recombinant adenoviruses," (1999) <i>Annu. Rev. Nutr.</i> 19:511-544	
	C6	Apweiler, R. et al., "On the frequency of protein glycosylation, as deduced from analysis of the SWISS-PROT database," (1999) <i>Biochim. Biophys. Acta</i> 1473:4-8	
	C7	Armentano, D. et al., "Effect of internal viral sequences on the utility of retroviral vectors," (1987) <i>J. Virol.</i> 61:1647-1650	
	C8	Arndt, G.M. et al., "A rapid genetic screening system for identifying gene-specific suppression constructs for use in human cells," (2000) <i>Nucleic Acids Res.</i> 28:E15	
	C9	Asano, M. et al., "Growth retardation and early death of β-1, 4-galactosyltransferase knockout mice with augmented proliferation and abnormal differentiation of epithelial cells," (1997) <i>EMBO J.</i> 16:1850-1857	
	C10	Ashkenazi, A. et al., "Apoptosis control by death and decoy receptors," (1999) <i>Curr. Opin. Cell Biol.</i> 11:255-260	

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	C11	Baltimore, D., "Intracellular immunization," (1988) <i>Nature</i> 335:395-396	
	C12	Bauer, G. et al., "Inhibition of human immunodeficiency virus-1 (HIV-1) replication after transduction of granulocyte colony-stimulating factor-mobilized D34+cells from HIV-1-infected donors using retroviral vectors containing anti-HIV-1 genes," (1997) <i>Blood</i> 89:2259-2267	
	C13	Bause, E. et al., "Molecular cloning and primary structure of Man9-mannosidase from human kidney," (1993) <i>Eur. J. Biochem.</i> 217:535-540	
	C14	Bender, M.A. et al., "Evidence that the packaging signal of Moloney murine leukemia virus extends into the gag region," (1987) <i>J. Virol.</i> 61:1639-1646	
	C15	Biederbick, A. et al., "A human intracellular apyrase-like protein, LAPL70, localizes to lysosomal/autophagic vacuoles," (1999) <i>J. Cell Sci.</i> 112:2473-2484	
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	C18	Binari, R.C. et al., "Genetic evidence that heparin-like glycosaminoglycans are involved in wingless signaling," (1997) <i>Development</i> 124:2623-2632	
	C19	Blitter, G.A. et al., "Expression and secretion vectors for yeast," (1987) <i>Methods Enzymol.</i> 153:516-544	
	C20	Blaese, R.M. et al., "T lymphocyte-directed gene therapy for ADA- SCID: initial trial results after 4 years," (1995) <i>Science</i> 270:475-480	
	C21	Blind, M. et al., "Cytoplasmic RNA modulators of an inside-out signal-transduction cascade," (1999) <i>Proc. Natl. Acad. Sci. USA</i> 96:3606-3610	
	C22	Boado, R.J. et al., "Drug delivery of antisense molecules to the brain for treatment of Alzheimer's disease and cerebral AIDS," (1998) <i>J. Pharm. Sci.</i> 87:1308-1315	
	C23	Bolton, A.E. et al., " (1973) <i>Biochem. J.</i> 133:529-539	
	C24	Bonay, P. et al., "Intra-Golgi Transport Inhibition by Megalomicin , " (1996) <i>J. Biol. Chem.</i> 271:3719-3726	

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	C25	Bonyhadi, M.L., "RevM10-expressing T cells derived in vivo from transduced human hematopoietic stem-progenitor cells inhibit human immunodeficiency virus replication," (1997) <i>J. Virol.</i> 71:4707-4716	
	C26	Bordignon, C. et al., "Gene therapy in peripheral blood lymphocytes and bone marrow for ADA-immunodeficient patients," (1995) <i>Science</i> 270:470-475	
	C27	Boulay, J.-L. et al., "Expression vectors and delivery systems," (1998) <i>Curr. Opin. Biotechnol.</i> 9:445-450	
	C28	Brody, E.N., "Aptamers as therapeutic and diagnosis agents," (2000) <i>J. Biotechnol.</i> 74:5-13	
	C29	Broglie, R. et al., "Light-regulated expression of a pea Ribulose-1,5-Bisphosphate Carboxylase small subunit gene in transformed plant cells," (1984) <i>Science</i> 224:838-843	
	C30	Brummelkamp, T.R. et al., "A system for stable expression of short interfering RNAs in mammalian cells," (2002) <i>Science</i> 296:550-553	
	C31	Buller, R.M. et al., "Decreased virulence of recombinant <i>Vaccinia</i> virus expression vectors is associated with a thymidine kinase-negative phenotype," (1985) <i>Nature</i> 317:813-815	
	C32	Burge, C. et al., "Finding the genes in genomic DNA," (1997) <i>J. Mol. Biol.</i> 268:78-94	
	C33	Burge, C. et al., "Prediction of complete gene structures in human genomic DNA," (1998) <i>Curr. Opin. Struct. Biol.</i> 8:346-354	
	C34	Burton, D.R., "A large array of human monoclonal antibodies to type 1 human immunodeficiency virus from combinatorial libraries of asymptomatic seropositive individuals," (1991) <i>Proc. Natl. Acad. Sci. USA</i> 88:10134-10137	
	C35	Capecchi, M.R., "Altering the genome by homologous recombination," (1989) <i>Science</i> 244:1288-1292	
	C36	Caruthers, M.H. et al., "New chemical methods for synthesis in polynucleotides," (1980) <i>Nucleic Acids Symp. Ser.</i> 7:215-223	
	C37	Cavazzana-Calvo, M. et al., "Gene therapy of human severe combined immunodeficiency (SCID)-X1 disease," (2000) <i>Science</i> 288:669-672	
	C38	Chang, C.-C. et al., "Evolution of a cytokine using DNA family shuffling," (1999) <i>Nat. Biotechnol.</i> 17:793-797	

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	C39	Chen, L. et al., "Overexpression of matrix Gla protein mRNA in malignant human breast cells: isolation by differential cDNA hybridization," (1990) <i>Oncogene</i> 5:1391-1395	
	C40	Chicz, R.M. et al., "High-performance liquid chromatography: effective protein purification by various chromatographic modes," (1990) <i>Methods Enzymol.</i> 182:392-421	
	C41	Christians, F.C. et al., "Directed evolution of thymidine kinase for AZT phosphorylation using DNA family shuffling," (1999) <i>Nat. Biotechnol.</i> 17:259-264	
	C42	Clarke, M.L. et al., "Comparative analysis of artificial antisense RNA regulation in fission yeast and human cells," (2000) <i>Biochem. Biophys. Res. Commun.</i> 268:8-13	
	C43	Colbere-Garapin, F. et al., "A new dominant hybrid selective marker for higher eukaryotic cells," (1981) <i>J. Mol. Biol.</i> 150:1-14	
	C44	Cole, S.P. et al., "Human monoclonal antibodies," (1984) <i>Mol. Cell Biol.</i> 62:109-120	
	C45	Coruzzi, G. et al., "Tissue-specific and light-regulated expression of a pea nuclear gene encoding the small subunit of ribulose-1,5-bisphosphate carboxylase," (1984) <i>EMBO J.</i> 3:1671-1680	
	C46	Cote, R.J. et al., "Generation of human monoclonal antibodies reactive with cellular antigen," (1983) <i>Proc. Natl. Acad. Sci. USA</i> 80:2026-2030	
	C47	Cramer, A. et al., "Improved green fluorescent protein by molecular evolution using DNA shuffling," (1996) <i>Nat. Biotechnol.</i> 14:315-319	
	C48	Crystal, R.G. et al., "A Phase 1 study, in cystic fibrosis patients, of the safety, toxicity, and biological efficacy of a single administration of a replication deficient, recombinant adenovirus carrying the cDNA of the normal cystic fibrosis transmembrane conductance regulator gene in the lung," (1995) <i>Hum. Gene Therapy</i> 6:643-666	
	C49	Crystal, R.G. et al., "Evaluation of repeat administration of a replication deficient, recombinant adenovirus containing the normal cystic fibrosis transmembrane conductance regulator cDNA to the airways of individuals with cystic fibrosis," (1995) <i>Hum. Gene Therapy</i> 6:667-703	
	C50	Crystal, R.G., "Transfer of genes to humans: Early lessons and obstacles to success," (1995). <i>Science</i> 270:404-410	
	C51	Csete, M.E. et al., "Efficient gene transfer to pancreatic islets mediated by adenoviral vectors," (1995) <i>Transplantation</i> 27:263-268	
	C52	Cunningham, B.C. et al., "Rational design of receptor-specific variants of human growth hormone," (1991) <i>Proc. Natl. Acad. Sci. USA</i> 88:3407-3411	

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	C53	Datta, A. et al., "Mutation of the sialyltransferase S-sialylmotif alters the kinetics of the donor and acceptor substrates," (1998) <i>J. Biol. Chem.</i> 273:9608-9618	
	C54	Datta, A. et al., "Sialylmotifs of sialyltransferases," (1997) <i>Indian J. Biochem. Biophys.</i> 34:157-165	
	C55	Datta, A. et al., "The sialyltransferase ``sialylmotif'' participates in binding the donor substrate CMP-NeuAc," (1995) <i>J. Biol. Chem.</i> 270:1497-1500	
	C56	Dohi, T. et al., "Detection of N-acetylgalactosaminyltransferase mRNA which determines expression of Sda blood group carbohydrate structure in human gastrointestinal mucosa and cancer," (1996) <i>Int. J. Cancer</i> 67:626-631	
	C57	Drickamer, K. et al., "Biology of animal lectins," (1993) <i>Annu. Rev. Cell Biol.</i> 9:237-264	
	C58	Drickamer, K., "C-type lectin-like domains," (1999) <i>Curr. Opin. Struct. Biol.</i> 9:585-590	
	C59	Dryga, S.A. et al., "Identification of mutations in a sindbis virus variant able to establish persistent infection in BHK cells: The importance of a mutation in the nsP2 gene," (1997) <i>Virology</i> 228:74-83	
	C60	Dull, T. et al., "A third-generation lentivirus vector with a conditional packaging system," (1998) <i>J. Virol.</i> 72:8463-8471	
	C61	Duplaa, C. et al., "Quantitative analysis of polymerase chain reaction products using biotinylated dUTP incorporation," (1993) <i>Anal. Biochem.</i> 212:229-236	
	C62	Eddy, S.R., "Hidden markov models," (1996) <i>Curr. Opin. Struct. Biol.</i> 6:361-365	
	C63	Elbashir, S.M. et al., "Duplexes of 21-nucleotide RNAs mediate RNA interference in cultured mammalian cells," (2001) <i>Nature</i> 411:494-498	
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	C65	Etienne-Decerf, J. et al., "Elevated anti- α -galactosyl antibody titres," (1987) <i>Acta Endocrinol.</i> 115:67-74	
	C66	Fields, S. et al., "A novel genetic system to detect protein-protein interactions," (1989) <i>Nature</i> 340:245-246	

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	C67	Fire, A. et al., "Potent and specific genetic interference by double-stranded RNA in <i>Caenorhabditis elegans</i> ," (1998) <i>Nature</i> 391:806-811	
	C68	Freeze, H. et al., "Molecular basis of carbohydrate-deficient glycoprotein syndromes type I with normal phosphomannomutase activity," (1999) <i>Biochim. Biophys. Acta</i> 1455:167-78	
	C69	Fukushima, K., "Elevation of alpha2-->6 sialyltransferase and alpha1-->2 fucosyltransferase activities in human choriocarcinoma," (1998) <i>Cancer Res.</i> 58:4301-4306	
	C70	Furukawa, K. et al., " β -1,4-Galactosylation of N-glycans is a complex process," (1999) <i>Biochim. Biophys. Acta</i> 1473:54-66	
	C71	Garoff, H. et al., "Recent advances in gene expression using alphavirus vectors," (1998) <i>Curr. Opin. Biotechnol.</i> 9:464-469	
	C72	Gatti, R.A. et al., "Localization of an ataxia-telangiectasia gene to chromosome," (1988) <i>Nature</i> 336:577-580	
	C73	Geremia, R. et al., "Glyco-Forum section," (1997) <i>Glycobiology</i> (letter) 7:v-vii	
	C74	Gilbert, M., "Cloning of the Lipooligosaccharide -2,3-Sialyltransferase from the Bacterial Pathogens <i>Neisseria meningitidis</i> and <i>Neisseria gonorrhoeae</i> ," (1996) <i>J. Biol. Chem.</i> 271:28271-28276	
	C75	Gish, K., "Breast Cancer: surveying half the human genome with transcription profiling for better diagnosis, prognosis, and therapy," (1999) <i>AWIS Magazine</i> 28:7-10	
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	C77	Goldman, C.K. et al., "In vitro and in vivo gene delivery mediated by a synthetic polycationic amino polymer," (1997) <i>Nat. Biotechnol.</i> 15:462-466	
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	C81	Gura, T., "A silence that speaks volumes," (2000) <i>Nature</i> 404:804-808	

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Date Submitted: July 24, 2006				Filing Date	05/11/2005
(use as many sheets as necessary)				First Named Inventor	Narinder K. Chawla
Sheet	8	of	18	Group Art Unit	Unknown
				Examiner Name	Unknown
				Attorney Docket Number	059314-0301

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	C87	Hartman, S.C. et al., "Two dominant-acting selectable markers for gene transfer studies in mammalian cells," (1988) <i>Proc. Natl. Acad. Sci. USA</i> 85:8047-8051	
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	C97	Kannagi, R., "Carbohydrate-mediated cell adhesion involved in hematogenous metastasis of cancer," (1997) <i>Glycoconj. J.</i> 14:577-584	
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Date Submitted: July 24, 2006				Filing Date	05/11/2005	
(use as many sheets as necessary)				First Named Inventor	Narinder K. Chawla	
Sheet	14	of	18	Group Art Unit	Unknown	
				Examiner Name	Unknown	
				Attorney Docket Number		059314-0301

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	C168	Roberge, J.Y. et al., "A strategy for a convergent synthesis of N-linked glycopeptides on a solid support," (1995) Science 269:202-204	
	C169	Rossi, F.M.V. et al., "Recent advances in inducible gene expression systems," (1998) Curr. Opin. Biotechnol. 9:451-456	
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 Date Submitted: July 24, 2006
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Sheet 15 of 18

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Application Number	10/534,578
Filing Date	05/11/2005
First Named Inventor	Narinder K. Chawla
Group Art Unit	Unknown
Examiner Name	Unknown

Attorney Docket Number 059314-0301

NON PATENT LITERATURE DOCUMENTS

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Sheet

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Application Number	10/534,578
Filing Date	05/11/2005
First Named Inventor	Narinder K. Chawla
Group Art Unit	Unknown
Examiner Name	Unknown

Attorney Docket Number 059314-0301

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Sheet 18 of 18

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